

\$ 1764

TRANSMITTAL LETTER

In re Application of:  
Plantenga, F. et al.

Serial No: 09/540,400

Filing Date: March 31, 2000

For: PROCESS FOR EFFECTING ULTRA-DEEP  
HDS OF HYDROCARBON FEEDSTOCKS

Docket No: ACH 2696

Examiner: N. Preisch

Group Art Unit: 1764

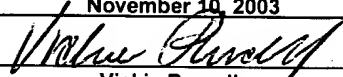
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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on November 10, 2003

  
Vickie Purcell

Sir:

☒ Transmitted herewith find the document(s) related to this application:

1. TRANSMITTAL LETTER IN DUPLICATE;
2. RESPONSE UNDER 37 CFR 1.111;
3. DECLARATION UNDER 37 CFR 1.132;
4. CERTIFICATE OF MAILING; and
5. POSTCARD

☐ Applicant hereby petitions for an extension of time under 37 CFR 1.136 of:

- ☐ One Month (\$110.00) ☒ Two Months (\$ 420.00)  
☐ Three Months (\$950.00) ☐ Four Months (\$ 1480.00)

The total fee believed due is **\$420.00**. Please charge this amount and any other fees which may be due (including filing fees under 37 CFR 1.16 and processing fees under 37 CFR 1.17) to Deposit Account No. 01-1350. If an extension of time is required but has not been requested above, Applicant hereby petitions for an extension of time sufficient for the attached document(s) to be timely. A duplicate copy of this sheet is enclosed.

Respectfully submitted,



Louis A. Morris  
Attorney for Applicant(s)  
Reg. No. 28,100

11/14/2003 HALI11 00000004 011350 09540400  
01 FC:1252 420.00 DA

Akzo Nobel Inc.  
Intellectual Property Department  
7 Livingstone Avenue  
Dobbs Ferry, NY 10522-3408  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of:  
Plantenga, F. et al.

Serial No.: 09/540,400

Filing Date: March 31, 2000

For: Process for Effecting Ultra-Deep HDS of  
Hydrocarbon Feedstocks

: Docket: ACH 2696

: Examiner: N. Preisch

: Group Art Unit: 1764

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Vickie Purcell

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RESPONSE UNDER 37 CFR § 1.111

Sir,

This is in response to an Office Action mailed on July 7, 2003, rejecting  
instant claims 1-8, which are all the claims pending in the present application.

Remarks

Applicants first apologize for not providing the Declaration of Dr.  
Plantenga in the previous response. This Declaration was cited in the response  
as illustrating the surprising and unexpected discovery of the superior  
performance of a catalyst comprising molybdenum and nickel in ultra-deep HDS.  
The Declaration in fact provides a detailed discussion of the history of ultra-deep  
HDS, the chemistry of ultra-deep HDS as compared to conventional HDS and the  
surprising discovery that led to the present invention.